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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/751,623	12/29/2000	Akhilesh Kumar	2207/9860	8608
7:	590 06/13/2003			
KENYON & KENYON Suite 600 333 W. San Carlos, Street			EXAMINER	
			HUYNH; KIM T	
San Jose, CA 95110-2711			ART UNIT	PAPER NUMBER
			2189	
			DATE MAILED: 06/13/2003	. /

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)				
Office Action Summary		09/751,623	KUMAR ET AL.				
		Examiner	Art Unit				
	- The MAII ING DATE of this communication	Kim T. Huynh	2189				
i ciiou ic	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
- External e	ORTENED STATUTORY PERIOD FOR REPLY MAILING DATE OF THIS COMMUNICATION. nsions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. e period for reply specified above is less than thirty (30) days, a reply period for reply is specified above, the maximum statutory period wire to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	i6(a). In no event, however, may a reply be tin within the statutory minimum of thirty (30) day ill apply and will expire SIX (6) MONTHS from	nely filed  s will be considered timely.  the mailing date of this communication.				
1)🛛	Responsive to communication(s) filed on 29 D	<u>ecember 2000</u> .					
2a)□		s action is non-final.					
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims							
4) Claim(s) 1-24 is/are pending in the application.							
4a) Of the above claim(s) is/are withdrawn from consideration.							
5) Claim(s) is/are allowed.							
6)⊠	6)⊠ Claim(s) <u>1-24</u> is/are rejected.						
7)	7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction and/or election requirement.  Application Papers							
9)☐ The specification is objected to by the Examiner.							
10)⊠ The drawing(s) filed on <u>29 December 2000</u> is/are: a)⊠ accepted or b)□ objected to by the Examiner.							
Applicant may not request that any objection to the drawing(s) he hold in abovenee. See 37 OFD 4.95(.)							
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.							
If approved, corrected drawings are required in reply to this Office action.							
12) The oath or declaration is objected to by the Examiner.							
Priority under 35 U.S.C. §§ 119 and 120							
13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).							
a) All b) Some * c) None of:							
1. Certified copies of the priority documents have been received.							
	2. Certified copies of the priority documents have been received in Application No						
	3. Copies of the certified copies of the priority documents have been received in this National Stage						
* Se	e the attached detailed Office action for a list of	au (PCT Rule 17.2(a)). the certified copies not received.					
14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).							
<ul> <li>a) ☐ The translation of the foreign language provisional application has been received.</li> <li>15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.</li> </ul>							
Attachment(s)							
2) Notice of the control of the cont	of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (PTO-948) tion Disclosure Statement(s) (PTO-1449) Paper No(s) <u>4, 5</u> .	5)   Notice of Informal Dat	PTO-413) Paper No(s) tent Application (PTO-152)				
Patent and Trademark Office  O-326 (Rev. 04-01)							

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## **DETAILED ACTION**

## Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

- 2. Claims 1-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Morrison et al. (Pub. No.: US 2002/0038398)
  - a. As per claims 1,10, 19 Morrison discloses a method for executing a locked bus transaction in a multi-node system, comprising:
    - initiating a locked-bus transaction at a bus agent;[0025], claim 4
    - transmitting a locked-bus request to a first node controller; and [0025]
    - deferring the locked-bus transaction at the bus agent by said first node controller(fig.1, 106), [0025]
  - b. As per claims 2,11, Morrison discloses the method further comprising transmitting the locked-bus request from the first node controller to a second node controller(fig.2, 222), [0027], [0023], wherein controller 222 corresponding to one of nodes 107-109).

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c. As per claims 3,12, Morrison discloses the method further comprising preventing bus transactions on a bus coupled to said second node controller. [0035], wherein retries transaction implies preventing if not available)

- d. As per claims 4,13, 20, Morrison discloses the method further comprising performing the locked-bus transaction by the bus agent over the multi-node system.[0021]
- e. As per claims 5,14, Morrison discloses the method further comprising asserting a signal to said bus agent by said first node controller to prevent said bus agent from initiating a bus transaction.[0028], wherein pending locked transaction implies preventing)
- f. As per claims 6,15, Morrison discloses the method further comprising the method further comprising transmitting the locked-bus request from the first node controller to a second node controller. (fig.2, 222), [0027], [0023], wherein controller 222 corresponding to one of nodes 107-109)
- g. As per claims 7,16, Morrison discloses the method further comprising preventing bus transactions on a bus coupled to said second node controller.[0035]
- h. As per claims 8,17, Morrison discloses the method further comprising deasserting said signal to said bus agent by said first node controller.[0028]
- i. As per claims 9,18, Morrison discloses the method further comprising performing the locked-bus transaction by the bus agent over the multi-node system.[0021]

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k. As per claim 21, Morrison discloses the method for executing a locked bus transaction in a multi-node system, comprising:

- initiating a locked-bus transaction at a bus agent for a first I/O node including a first I/O device; [0017], [0025], [0027]
- transmitting a locked-bus request to a first node controller; and
   [0025],[0027]
- deferring the locked-bus transaction at the bus agent by said first node controller. [0025], [0027]
- As per claim 22, Morrison discloses the method further comprising transmitting the locked-bus request from the first node controller to the first I/O node [0025], [0027]
- m. As per claim 23, Morrison discloses the method further comprising preventing transactions at the first I/O node for I/O devices coupled in said first I/O node. [0035]
- n. As per claim 24, Morrison discloses method further comprising performing the locked-bus transaction by the bus agent over the multi-node system to the first I/O device. [0021], [0027]

## Conclusion

3. A shortened statutory period for reply is set to expire THREE months from the mailing date of this communication. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) months from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. If no period for reply is specified above,

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the maximum statutory period will apply and will expire SIX (6) months from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C 133).

Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kim Huynh whose telephone number is (703)305-5384 or via e-mail addressed to [kim.huynh3@uspto.gov]. The examiner can normally be reached on M-F 8:30AM- 6:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart can be reached on (703) 305-4815 or via e-mail addressed to [mark.rinehart@uspto.gov]. The fax phone numbers for the organization where this application or proceeding is assigned are (703)746-7249 for regular communications and (703)746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)306-5631.

Kim Huynh

June 10, 2003

HUPAL DHARIA